

SPECIFICATIONS

Frequency Coverage

66.000-88.000	5 kHz steps (FM)
118.000-136.9916 MHz	8.333 kHz steps (AM)
137.000-174.000 MHz	12.5 kHz steps (FM)
380.000-512.000 MHz	12.5 kHz steps (FM)

Channels of Operation 200 channels

Sensitivity (20 dB S/N):

66-88 MHz	0.5 μ V
118-136.9916	1 μ V
137-174 MHz	0.5 μ V
380-512 MHz	0.7 μ V

Spurious Rejection (FM @ 154 MHz) 50 dB

Selectivity:

+/-10 kHz	-6 dB
+/-18 kHz	-50 dB

Search Speed Up to 50 Steps/Sec

Scan Speed Up to 25 Channels/Sec

Delay Time 2 Seconds

IF Frequencies:

1st IF	10.7 MHz
2nd IF	455 kHz

IF Interference Ratio (10.7 MHz) 70 dB at 154 MHz

Squelch Sensitivity:

Threshold (AM/FM)	0.5 μ V
Tight (AM)	20 dB
Tight (FM)	25 dB

Antenna Impedance 50 Ohms

Audio Output Power (10% THD) 180 mW Nominal

Power Requirements 6 Volts DC,
4 AA Batteries or an adapter

Current Drain (Squelched) 45 mA

Dimensions (HWD) 145 x 63 x 40 mm

Weight (without antenna) Approx. 220 g

GRE PSR-282 technical data
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